References

[1] Abdulghafour A.S., Naji R.K., A Study of a Diseased Prey-Predator Model with Refuge in Prey and Harvesting from Predator, Hindawi Journal of Applied Mathematics, 2018, Article ID 2952791, 17 pages, (2018).

[2] Bazykin A.D., Nonlinear dynamics of interacting populations, World Scientific, (1998).

[3] Berezovskaya F.S., Song B., Castillo-Chavez C., Role of prey dispersal and refuges on predator-prey dynamics, SIAM Journal on Applied Mathematics, 70(6), 1821-1839, (2010).

[4] Chauhan S., Bhatia S.K., Chaudhary P., Effect of pollution on prey-predator system with infected predator, Commun. Math. Biol. Neurosci, 2017, 14, 24 pages, (2017).

[5] Chauhan S., Misra O.P., Modeling and analysis of a single species population with viral infection in polluted environment, Scientifc Research, 3, 662-672, (2012).

[6] Das U., Kar T.K., and Pahari U.K., Global Dynamics of an exploited prey-predator model with constant prey refuge, ISRN Biomathematics, Hindawi, Article ID 637640, 12 pages, (2013).

[7] Dubey B., Hussain J., Modelling the interaction of two biological species in a polluted environment, Journal of mathematical analysis and applications, 246(1), 58-79, (2000).

[8] Deka B.D., Patra A., Tushar J., Dubey B., Stability and Hopf-bifurcation in a general Gauss type two-prey and one-predator

system, Applied Mathematical Modelling, 40(11-12), 5793-5818, (2016).

[9] Freedman H.I., Shukla J.B., Models for the effect of toxicant in single-species and predator-prey systems, Journal of Mathematical Biology, 30(1), 15-30, (1991).

[10] Gretchko S., Marley J., Tyson R.C., The Effects of Climate Change on Predator-Prey Dynamics, Quantitative Biology, Cornell University, (2018).

[11] Hadeler K.P., Mackey M.C., Stevens A., Topics in mathematical biology, Springer, (2017).

[12] Hirsch M.W., Devaney R.L., Smale S., Differential equations, dynamical systems, and linear algebra, (60), Academic press, (1974).

[13] Holling C.S., Some characteristics of simple types of predation and parasitism, Canadian entomologist, 91(7) , 385-398, (1959).

[14] Holling C.S., The functional response of predators to prey density and its role in mimicry and population regulation, The Memoirs of the Entomological Society of Canada, 97S45 , 5-60, (1965).

[15] Huang Q., Wang H., Lewis M.A., The impact of environmental toxins on predatorprey dynamics, Journal of theoretical biology , 378 , 12-30, (2015).

[16] Kendall B.E., Cycles, chaos, and noise in predatorprey dynamics, Chaos, Solutions & Fractals, 12(2) , 321-332, (2001) .

[17] Kot M., Elements of mathematical ecology. Cambridge University Press, (2001).

[18] Lakshmikantham V., Leela S., Martynyuk A.A., Stability analysis of nonlinear systems, Springer, (1989).

[19] Lotka A.J., Elements of physical biology, Science Progress in the Twentieth Century , (1919-1933), 21(82), 341343, (1926) .

[20] Lv Y., Yuan R., Pei Y., A prey-predator model with harvesting for fishery resource with reserve area, Applied Mathematical Modelling, 37(5), 3048-3062, (2013).

[21] Malthus T. R., Winch D., James P., An essay on the principle of population, Cambridge University Press, (1992).

[22] Manna K., Volpert V., Banerjee M., Dynamics of a Diffusive Two Prey-One-Predator Model with Nonlocal Intra-Specific Competition for Both the Prey Species, Mathematics, 8(1), 101-129, (2020).

[23] Nyimvua S., Mapunda, Alanus, Mureithi E., Effects of overharvesting and drought on apredator-prey system with optimal control, Open Journal of Ecology, 8(8), 459-482, (2018).

[24] Prasad B.S.R.V., Banerjee M., Srinivasu P.D.N., Dynamics of additional food provided predator-prey system with mutually interfering predators, Mathematical Biosciences(2013), 246(1), 176-190, (2013).

[25] Raymond C., Hugo A., Kungaro M., Modeling Dynamics of Prey-Predator Fishery Model with Harvesting: A Bioeconomic Model, Journal of Applied Mathematics, 2019, Article ID 2601648, 13 pages, (2019).

[26] Saxena V.P., Misra O.P., Sinha P., Stability Analysis of a Prey-Predator Model Incorporating Age Based Predation, GANITA, 2008.

[27] Sayekti I.M., Malik M., Aldila D., One-prey two-predator model with prey harvesting in a food chain interaction, AIP Conference Proceedings, 1862(1), AIP Publishing LLC., 030124, (2017).

[28] Sinha S., Misra O.P., Dhar J., Modelling a predatorprey system with infected prey in polluted environment, Applied Mathematical Modelling, 34(7), 1861-1872, (2010).

[29] Tanner J.T., The stability and the intrinsic growth rates of prey and predator populations, Ecology, 56(4), 855-867, (1975).

[30] Toaha S., Hassan M.A., Stability analysis of predator-prey population model with time delay and constant rate of harvesting, Punjab University Journal of Mathematics, 40, 37-48 , (2008).

[31] Volterra V., Fluctuations in the abundance of a species considered mathematically, Nature, 119(2983), 12-13, (1927).

[32] Freedman H.I., Waltman P., Persistence in models of three interacting predator-prey populations, Mathematical Biosciences, 68(2), 213-231, (1984).